

# PEST MANAGEMENT PRACTICES

## PEST MANAGEMENT PRACTICES, NORTH CENTRAL REGION, 1999 <sup>1/</sup>

Practice	Corn	Soybeans	All Wheat	Alfalfa Hay	Other Hay	All Other Crops
<b>Percent of Acres Receiving Practice</b>						
<b>Prevention Practices:</b>						
Tillage/etc. To manage pests	44	46	44	16	10	39
Remove or plow down crop residue	17	16	27	5	**	23
Clean implements after fieldwork	34	37	49	10	5	42
Water management practices	9	7	5	3	**	7
<b>Avoidance Practices:</b>						
Crop varieties genetically modified to resist insects	19	**	**	**		**
Adjust planting/harvesting dates	9	8	24	7	**	15
Rotate corps to control pests	80	82	69	30	6	67
Crop varieties genetically modified to be pathogen/nematode resistant	**	2	**	**		
Alternate planting locations	13	13	22	3	**	24
Grow trap crop to control insects	3	**	**	**	**	**
<b>Monitoring Practices:</b>						
Scouted for pests	57	56	49	24	7	51
Records kept to track pests	23	18	17	9	1	21
Field mapping of weed problems	18	17	14	6	**	12
Soil analysis to detect pests	15	18	5	4	**	8
Pheromones to monitor pests	2	**	**	**	**	**
Weather monitoring	15	14	16	8	**	17
<b>Suppression Practices:</b>						
Crop varieties genetically modified to be herbicide resistant	6	49	**	**	**	2
Scouting used to make decisions	18	14	15	10	**	21
Biological pesticides	5	**	1	**	**	4
Beneficial organisms	1	1	**	**	**	1
Physical barriers	13	13	17	3	1	18
Adjust planting methods	8	16	7	1	**	12
Alternate pesticides	44	41	34	8	1	37
Pheromones to disrupt mating	**	**				**
<b>Percent of Farms Utilizing Practice</b>						
<b>Prevention Practices:</b>						
Tillage/etc. To manage pests	37	40	40	18	11	26
Remove or plow down crop residue	16	14	20	4	1	12
Clean implements after fieldwork	27	30	34	9	5	20
Water management practices	6	6	4	2	**	8
<b>Avoidance Practices:</b>						
Crop varieties genetically modified to resist insects	30	**	**	**		**
Adjust planting/harvesting dates	6	5	24	5	1	8
Rotate corps to control pests	73	76	67	28	7	39
Crop varieties genetically modified to be pathogen/nematode resistant	**	2	**	**		
Alternate planting locations	9	9	12	2	**	10
Grow trap crop to control insects	2	**	**	**	**	**
<b>Monitoring Practices:</b>						
Scouted for pests	45	48	40	23	8	30
Records kept to track pests	13	12	11	5	**	9
Field mapping of weed problems	10	11	7	3	**	4
Soil analysis to detect pests	8	11	4	2	**	3
Pheromones to monitor pests	**	**	**	**	**	**
Weather monitoring	9	9	10	5	**	7
<b>Suppression Practices:</b>						
Crop varieties genetically modified to be herbicide resistant	12	61	**	**	**	1
Scouting used to make decisions	10	9	10	5	**	7
Biological pesticides	3	**	**	**	**	**
Beneficial organisms	**	**	**	**	**	**
Physical barriers	9	10	11	3	1	10
Adjust planting methods	5	12	5	1	**	6
Alternate pesticides	34	34	23	5	1	16
Pheromones to disrupt mating	**	**				**

<sup>1/</sup> North Central Region includes: IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, and WI.